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PATENT

Docket No. 10551/53

Serial No. 09/602,013

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Ronald D. BLUM et al.
Serial No. : 09/602,013
Filed : June 23, 2000
For : SYSTEM, APPARATUS, AND METHOD FOR CORRECTING
VISION USING AN ELECTRO-ACTIVE LENS
Art Unit : [To be assigned]
Examiner : [To be assigned]

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

SUPPLEMENTAL PRELIMINARY AMENDMENT

SIR:

Prior to the examination of the above-identified application, please amend the
application as follows:

AMENDMENTS

Please add the following claims:

248. ~~The electro-active lens of claim 1, further comprising an electro-active Fresnell layer positioned in a cooperative relationship with said first lens optic.~~
249. The electro-active lens of claim 1, further comprising an electro-active diffractive layer positioned in a cooperative relationship with said first lens optic.

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250. The electro-active lens of claim 1, further comprising an electro-active diffractive zone etched into said first lens optic.
251. The electro-active lens of claim 1, further comprising a switch electrically coupled to at least said first electro-active zone.
252. The electro-active lens of claim 1, further comprising an on-off switch electrically coupled to at least said first electro-active zone.
253. The electro-active lens of claim 1, further comprising a three-position switch electrically coupled to at least said first electro-active zone.
254. The electro-active lens of claim 1, further comprising a three-position switch electrically coupled to at least said first electro-active zone, said switch switchable to a far distance correction position, an intermediate distance correction position, and a near distance correction position.
255. The electro-active lens of claim 1, further comprising a continuously-adjustable switch electrically coupled to at least said first electro-active zone.
256. The electro-active lens of claim 1, further comprising a continuously-adjustable switch electrically coupled to at least said first electro-active zone, said switch continuously adjustable from a far distance correction position to a near distance correction position.
257. The electro-active lens of claim 129, wherein said range-finder includes an eye-tracker.
258. The electro-active lens of claim 129, further comprising an eye-tracker coupled to said range-finder.